



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **IKEDA, Akio et al.**

Serial No.: **09/715,081**

Filed: **November 20, 2000**

Group Art Unit: **3653**

Examiner: **Jeffery A. Shapiro**

P.T.O. Confirmation No.: **7823**

For: **PRODUCTION SYSTEM FOR PRINTED WIRING BOARD**

AMENDMENT UNDER 37 CFR §1.111

Commissioner for Patents
Washington, D.C. 20231

December 10, 2002

Sir:

In response to the Office Action dated **September 10, 2002**, please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend claims 1-10 as indicated below:

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Sub B17
1. (Amended) A manufacturing system for manufacturing printed wiring boards of plural types, printed wiring boards scheduled to be manufactured are laid out on at least one predetermined manufacturing block, comprising:

A1
a schedule data storage unit storing manufacturing schedule data including printed wiring board data including each type of the printed wiring boards and the number of each of the printed wiring boards scheduled to be manufactured;

a detecting unit detecting a fractional printed wiring board which should be laid out to a single predetermined manufacturing block together with a printed wiring board having a different